

VERMONT

Science and Engineering Profile

	Vermont	U.S.	Rank		Vermont	U.S.	Rank
Doctoral scientists, 1993	1,436	430,332	46	Total R&D performance, 1993 (millions)	\$343	\$161,427	40
Doctoral engineers, 1993	200	81,293	45	Industry R&D, 1993 (millions)	\$284	\$117,622	36
S&E doctorates awarded, 1993	47	25,409	44	Academic R&D, 1993 (millions)	\$50	\$19,489	46
of which, in life sciences	51%	24%		of which, in life sciences	92%	55%	
in psychology	32%	13%		in engineering	3%	16%	
in physical sciences	13%	15%		in physical sciences	3%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	72	34,394	41	expenditures, 1993 (millions)	\$599	\$163,994	42
S&E graduate students, 1993				Number of SBIR awards, 1990-93	35	13,995	36
in doctorate-granting institutions	692	438,128	50	Patents issued to state residents, 1994	140	56,039	41
Population, 1994 (000s)	580	260,341	49	Gross state product, 1992 (billions)	\$11.8	\$5,994.1	51
Civilian labor force, 1994 (000s)	321	131,013	48	of which, agriculture	3%	2%	
Personal income per capita, 1994	\$20,224	\$21,809	32	manufacturing, mining, construction	23%	23%	
Federal spending				transportation, communication, utilities	7%	9%	
Total expenditures 1994 (millions)	\$2,411	\$1,284,896	50	wholesale and retail trade	16%	16%	
R&D obligations 1993 (millions)	\$62	\$65,394	47	finance, insurance, real estate	18%	18%	
				services	20%	20%	
				government	12%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in Vermont by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	62,143	5,601	0	17,118	35,313	3,369	742	47
Department of Agriculture	5,927	1,640	0	0	4,287	0	0	43
Department of Commerce	0	0	0	0	0	0	0	na
Department of Defense	16,897	651	0	16,033	213	0	0	40
Department of Energy	539	0	0	0	539	0	0	49
Dept. of Health & Human Services	31,077	0	0	549	26,767	3,369	392	35
Department of the Interior	3,585	3,310	0	0	275	0	0	46
Department of Transportation	350	0	0	0	0	0	350	51
Environmental Protection Agency	309	0	0	309	0	0	0	44
Nat'l Aeronautics & Space Admin.	215	0	0	152	63	0	0	49
National Science Foundation	3,244	0	0	75	3,169	0	0	50
State rank	47	51	na	42	42	37	50	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.